

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--|------------------|---------|------------------|
| S1 | 21 | ("1605316" "1776611" "1889866" "2206166" "2320107" "2745685" "3754609" "3933395" "3978933" "4205926" "4360320" "4592427" "4982801" "5015162" "6213229").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/05/16 12:52 |
| S4 | 749 | (tapered near3 thread\$4) and torque and (rod or shaft) and shoulder | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/05/15 08:02 |
| S8 | 134 | (sucker rod) and torque and taper\$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/05/15 08:47 |
| S9 | 374 | (sucker or drive) rod and (progress\$6 cavity) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/05/15 09:39 |
| S10 | 4875 | (shaft or coupling) and torque and shoulder and rough\$6 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/05/15 10:20 |
| S12 | 70 | (shaft or coupling) and torque and (shoulder with (rough or roughened or textured)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/05/15 10:37 |
| S13 | 62 | ((sucker rod) or (drive rod string) or coupling) and torque and (shoulder with (rough or roughened or textured or grooved)) and friction | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/05/15 10:52 |
| S14 | 19 | 418/48.ccls. and ((sucker or drive) rod) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/05/16 08:51 |

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| S15 | 770 | (tapered thread) and torque | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/05/16 08:53 |
| S16 | 436 | (tapered thread) and torque and (drive or power) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/05/16 08:53 |
| S17 | 349 | (tapered thread) and torque and (rod or shaft) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/05/16 08:55 |
| S18 | 3 | (tapered thread) and torque and (shoulder with (rough or roughened or textured)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/05/16 08:56 |
| S19 | 70 | (shaft or coupling) and torque and (shoulder with (rough or roughened or textured)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/05/16 08:58 |
| S20 | 311 | ((sucker rod) or (drive rod) or coupling or connector) and ((rough or roughened or textured) with shoulder) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/05/16 08:59 |
| S21 | 116 | (tapered thread) and ((internal or secondary) (stop or shoulder)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/05/16 09:32 |
| S22 | 24 | (sucker rod) and (ft-lb or ftlb or (ft lb)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/05/16 16:56 |

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| S23 | 0 | (sucker rod) and (ft-lbf or ftlbf or (ft lbf)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/05/16 09:33 |
| S24 | 6 | (sucker rod) and (in-lb or inlb or (in lb)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/05/16 16:56 |
| S25 | 24 | (sucker rod) and (foot-pound or footpound or (foot pound)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/05/16 09:36 |
| S26 | 13 | (sucker rod) and (inch-pound or inchpound or (inch pound)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/05/16 09:35 |
| S27 | 76 | (sucker rod) and (N-m or Nm) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/05/16 09:35 |
| S28 | 0 | (sucker rod) and (Newton-meter or Newtonmeter or (Newton meter)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/05/16 09:38 |
| S29 | 19 | (tapered thread) and (increase with torque with (rating or limit or capacity or tolerance)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/05/16 09:40 |
| S40 | 8 | white-jack.in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/05/16 12:53 |

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| S41 | 7 | vogt-greg\$.in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/05/16 12:58 |
| S42 | 0 | "DELAWARE CAPITAL FORMATION-INC.".as. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/05/16 13:00 |
| S43 | 1146 | "DELAWARE CAPITAL FORMATION".as. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/05/16 13:05 |
| S44 | 0 | "DELAWARE CAPITAL FORMATION".as. and "4592427".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/05/16 13:05 |
| S45 | 60 | pin and box and shoulder and (roughened or knurled) and friction and ("403"/\$.ccls. or "418"/\$.ccls. or "464"/\$.ccls. or "175"/\$.ccls. or "411"/\$.ccls. or "166"/\$.ccls. or "285"/\$.ccls.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/05/21 08:23 |
| S46 | 59 | pin and box and torque and (roughened or knurled) and friction and ("403"/\$.ccls. or "418"/\$.ccls. or "464"/\$.ccls. or "175"/\$.ccls. or "411"/\$.ccls. or "166"/\$.ccls. or "285"/\$.ccls.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/05/21 08:23 |
| S47 | 292 | (tapered thread) and (shaft or rod) and ("166"/\$.ccls. or "285"/\$.ccls. or "403"/\$.ccls. or "464"/\$.ccls. or "418"/\$.ccls. or "411"/\$.ccls. or "175"/\$.ccls.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/05/21 08:28 |
| S48 | 568 | (tapered thread) and (coupling or connector) and ("166"/\$.ccls. or "285"/\$.ccls. or "403"/\$.ccls. or "464"/\$.ccls. or "418"/\$.ccls. or "411"/\$.ccls. or "175"/\$.ccls.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/05/21 08:28 |

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| S49 | 473 | ("166"/\$.ccls. or "285"/\$.ccls. or "403"/\$.ccls. or "464"/\$.ccls. or "418"/\$.ccls. or "411"/\$.ccls. or "175"/\$.ccls.) and (ft-lb or ftlb or (ft lb)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/05/21 08:32 |
| S50 | 144 | ("166"/\$.ccls. or "285"/\$.ccls. or "403"/\$.ccls. or "464"/\$.ccls. or "418"/\$.ccls. or "411"/\$.ccls. or "175"/\$.ccls.) and (in-lb or inlb or (in lb)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/05/21 08:31 |
| S51 | 9 | ("166"/\$.ccls. or "285"/\$.ccls. or "403"/\$.ccls. or "464"/\$.ccls. or "418"/\$.ccls. or "411"/\$.ccls. or "175"/\$.ccls.) and (ft-lbf or ftlb or (ft lbf)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/05/21 08:32 |